

Raman-FT IR microscope at CICbiomaGUNE

System description:



Renishaw in Via microscope collects Raman spectra at standard or high confocality mode, giving high spatial resolution ($<1\mu\text{m}$ lateral). This capability can be used to create maps of chemical composition from areas or volumes in the sample. Raman microscope is fitted with two lasers 532nm and 785nm, CCD camera, internal calibration source, motorized stage controlled by Wire 2.0 software. Fourier transform infrared spectroscopy is combined with Raman microscope in a single instrument.

Components:

Objectives Raman

10x

40x

50x

100x

50xL

Objectives FT-IR

ATRP

ARO

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